

Honeywell's Docket No. H0004019 US - 4780

Practitioner's Docket No. H9931-7305

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: **Lu et al.**

Group No.: **Not Yet Assigned**

Application No.: **10/517575**

Examiner: **Not Yet Assigned**

Filed: **December 9, 2004**

For: **Interlayer Adhesion Promoter for Low K Materials**

Mail Stop DD

Commissioner for Patents

PO Box 1450

Alexandria, VA 22313-1450

**TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT
WITHIN THREE MONTHS OF FILING OR
BEFORE MAILING OF FIRST OFFICE ACTION (37 C.F.R. 1.97(b))**

**IDENTIFICATION OF TIME OF FILING THE ACCOMPANYING
INFORMATION DISCLOSURE STATEMENT**

The information disclosure statement submitted herewith is being filed within three months of the filing date of the application or date of entry into the national stage of an international application or before the mailing date of a first Office action on the merits, whichever event occurs last. 37 C.F.R. 1.97(b).

Respectfully submitted,

By:

Sandra P. Thompson

Reg. No. 46264

Date: October 18, 2005

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CERTIFICATE OF MAILING (37 C.F.R. 1.8(a))

I hereby certify that, on the date shown below, this correspondence is being deposited with the United States Postal Service with sufficient postage as First Class Mail, in an envelope addressed to the Commissioner for Patents, PO Box 1450, Alexandria, VA 22313-1450.

Kristin J. Azcona

Date: October 18, 2005



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For: **INTERLAYER ADHESION
PROMOTOR FOR LOW K
MATERIALS**

Group: **Not Yet Assigned**

Examiner: **Not Yet Assigned**

INFORMATION DISCLOSURE STATEMENT

**MAIL STOP DD
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ALEXANDRIA, VA 22313-1450**

Sir:

In accordance with the duty of disclosure imposed by 37 C.F.R. § 1.56 to inform the United States Patent and Trademark Office of all references coming to the attention of the Applicant(s) or attorneys or agents for Applicant(s) which are or may be material to the examination of the subject application, attorneys for the Applicant(s) hereby invite the Examiner's attention to the references listed in the accompanying PTO Form 1449 entitled "List of References Cited".

This submission is understood to complement the results of the Examiner's own independent search. The submission of this Disclosure Statement should not be construed as a representation that a search was made, or that the cited items are inclusive of all relevant and material citations that may be available publicly.

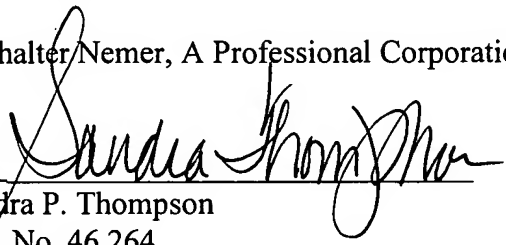
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Practitioner's Docket No. H9931-7305

Applicant(s) respectfully request that the Examiner review the foregoing references, as set forth in the Form PTO-1449, and that they be made of record in the file history of the above-captioned application.

Respectfully submitted,

Buchalter Nemer, A Professional Corporation

Dated: October 18, 2005

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LIST OF REFERENCES CITED BY APPLICANT (Use several sheets if necessary)	ATTY. DOCKET NO.	SERIAL NO.
	H9931-7305	10/517575
	APPLICANT	
	Lu et al.	
	FILED DATE	GROUP
	December 9, 2004	

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILED DATE IF APPROPRIATE
	US 2002/0031729	03/14/02	Trefonas, III et al.	430	322	07/03/01
	US 2002/0034630	03/21/02	Cano et al.	428	331	02/07/01
	US 2002/0102417	08/01/02	Schutt et al.	428	447	04/04/02
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		4,102,683	07/25/78	DiPiazza	96	38.4	07/25/78
		4,348,471	09/07/82	Shelnut et al.	430	165	06/15/81
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		4,456,679	06/26/84	Leyrer et al.	430	326	08/22/83

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		4,609,614	09/02/86	Pampalone et al.	430	323	06/24/85
		4,618,213	10/21/86	Chen	350	96.34	01/18/84
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		4,674,176	06/23/87	Tuckerman	29	591	01/24/85
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		4,732,858	03/22/88	Brewer et al.	438	228	09/17/86
		4,752,649	06/21/88	Neckers	560	302	06/21/88
		4,762,767	08/09/88	Haas et al.	430	167	04/30/86
		4,763,966	08/16/88	Suzuki et al.	350	1.1	07/15/85
		4,767,571	08/30/88	Suzuki et al.	252	587	06/21/85
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		4,913,846	04/03/90	Suzuki et al.	252	587	08/05/87

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		4,942,083	07/17/90	Smith, Jr.	428	252	05/16/88
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		4,973,510	11/27/90	Tanaka	428	212	08/23/88
		5,004,660	04/02/91	Van Andel et al.	430	17	10/17/89
		5,009,669	04/23/91	Jollenbeck et al.	8	573	05/30/89
		5,009,809	04/23/91	Kosin et al.	252	350	01/19/90
		5,009,810	04/23/91	Wason et al.	252	350	05/16/89
		5,013,608	05/07/91	Guest et al.	428	436	07/07/89
		5,024,923	06/18/91	Suzuki et al.	430	372	09/09/88
		5,026,624	06/25/91	Day et al.	430	280	03/03/89
		5,037,580	08/06/91	Garcia et al.	252	350	01/19/90
		5,045,570	09/03/91	Mooney et al.	521	88	01/19/90
		5,055,372	10/08/91	Shanklin et al.	430	138	04/23/90
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		5,116,715	05/26/92	Roland et al.	430	190	03/08/91
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		5,140,396	08/18/92	Needham et al.	357	30	06/13/91
		5,152,834	10/06/92	Allman	106	287.13	07/18/91
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		5,166,093	11/24/92	Grief	437	173	07/31/91
		5,173,368	12/22/92	Belmares	428	426	09/14/88
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		5,199,979	04/06/93	Lin et al.	106	287.14	11/25/88
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		5,252,340	10/12/93	Honeycutt	424	489	04/28/92
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		5,256,510	10/26/93	Bugner et al.	430	83	03/02/92
		5,262,468	11/16/93	Chen	524	476	05/23/91
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		5,272,042	12/21/93	Allen et al.	430	270	09/17/91
		5,278,010	01/11/94	Day et al.	430	18	10/05/92
		5,300,402	04/05/94	Card, Jr. et al.	430	280	07/15/91
		5,302,198	04/12/94	Allman	106	287.16	09/14/90
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		6,306,736	04/26/94	Mooney et al.	521	91	07/31/92
		5,317,044	05/31/94	Mooney et al.	521	78	06/11/91
		5,324,222	06/28/94	Chen	446	34	04/29/92
		5,324,591	06/28/94	Georger, Jr. et al.	428	552	10/16/90

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		5,336,708	08/09/94	Chen	524	474	08/24/92
		5,360,692	11/01/94	Kawabe et al.	430	191	06/03/93
		5,380,621	01/10/95	Dichiara et al.	430	272	05/03/93
		5,382,615	01/17/95	Godrey	524	271	10/01/93
		5,384,357	01/24/95	Levinson et al.	524	770	11/02/92
		5,389,496	02/14/95	Calvert et al.	430	315	05/17/93
		5,391,463	02/21/95	Ligler et al.	430	272	04/25/91
		5,395,734	03/07/95	Vogel et al.	430	270	11/30/92
		5,401,614	03/28/95	Dichiara et al.	430	323	02/16/93
		5,417,977	05/23/95	Honeycutt	424	443	06/07/93
		5,418,136	05/23/95	Miller et al.	435	5	06/10/93
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		5,449,639	09/12/95	Wei et al.	437	187	10/24/94
		5,449,712	09/12/95	Gierke et al.	524	266	01/13/93
		5,455,145	10/03/95	Tarumoto	430	325	03/25/94
		5,457,081	10/10/95	Takiguchi et al.	503	227	05/12/93
		5,458,982	10/17/95	Godfrey	428	514	11/25/94
		5,467,626	11/21/95	Sanders	72	60	10/01/93
		5,468,591	11/21/95	Pearce et al.	430	201	06/14/94
		5,472,488	12/05/95	Allman	106	287.16	03/18/94
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		5,498,345	03/12/96	Jollenbeck et al.	252	589	02/2/94
		5,498,468	03/12/96	Blaney	428	198	09/23/94
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		5,518,818	05/21/96	Kidai et al.	428	412	10/04/93

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		5,508,334	04/16/96	Chen	524	474	11/15/93
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		5,512,418	04/30/96	Ma	430	271.1	03/10/93
		5,527,872	06/18/96	Allman	528	12	03/17/94
		5,552,260	09/03/96	Vogel et al.	430	270.1	11/16/94
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		5,741,623	04/21/98	Namba et al.	430	270.19	12/09/92
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		5,747,223	05/05/98	Allen et al.	430	325	07/09/96
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		5,750,292	05/12/98	Sato et al.	430	15	07/08/96
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		5,760,117	06/02/98	Chen	524	270	12/29/95
		5,773,170	06/30/98	Patel et al.	430	5	04/02/96
		5,780,206	07/14/98	Urano et al.	430	325	07/23/97
		5,786,125	07/28/98	Tsuchiya et al.	430	272.1	10/24/96
		5,800,926	09/01/98	Nogami et al.	428	447	11/15/96
		5,843,617	12/01/98	Patel et al.	430	201	04/22/97
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		5,910,021	06/08/99	Tabara	438	636	07/03/97
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		5,935,758	08/10/99	Patel et al.	430	200	04/22/97
		5,938,499	08/17/99	Chen	446	253	04/29/97
		5,939,236	08/17/99	Pavelchek et al.	430	273.1	02/07/97
		5,939,510	08/17/99	Sato et al.	528	128	04/24/97
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		5,945,249	08/31/99	Patel et al.	430	200	04/22/97

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		6,087,068	07/11/00	Sato et al.	430	271.1	03/18/99
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		6,171,766	01/09/01	Patel et al.	430	339	05/20/99
		6,174,977	01/16/01	Ariyoshi et al.	526	194	10/25/99
		6,180,025	01/30/01	Schoenfeld et al.	252	299.01	04/16/99
		6,180,317	01/30/01	Allen et al.	430	280.1	11/18/91
		6,187,505	02/13/01	Lin et al.	430	270.1	02/02/99
		6,187,689	02/13/01	Tabara	438	738	12/22/98
		6,190,830	02/20/01	Leon et al.	430	270.1	05/11/99
		6,190,839	02/20/01	Pavelchek et al.	430	325	01/15/98
		6,190,955	02/20/01	Ilg et al.	438	238	01/27/98
		6,191,030	02/20/01	Subramanian et al.	438	636	11/05/99
		6,194,534	02/27/01	Baumann et al.	528	25	09/20/99
		6,194,121	02/27/01	Namba et al.	430	270.19	01/21/98
		6,210,862	04/03/01	Day et al.	430	280.1	09/10/98
		6,217,890	04/17/01	Paul et al.	424	402	08/23/99
		6,225,033	05/01/01	Onishi et al.	430	322	10/06/99
		6,225,671	05/01/01	Yin	257	437	03/29/00
		6,232,424	05/15/01	Zhong et al.	528	12	12/13/99
		6,235,456	05/22/01	Ibok	430	512	12/09/98
		6,238,379	05/29/01	Keuhn, Jr. et al.	604	367	08/23/99
		6,238,838	05/29/01	Gaschler et al.	430	278.1	07/29/99
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		6,268,294	07/31/01	Jang et al.	438	706	04/04/00
		6,268,457	07/31/01	Kennedy et al.	528	39	06/10/99

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		6,316,013	11/13/01	Paul et al.	424	402	09/27/00
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		6,316,165	11/13/01	Pavelchek et al.	430	311	03/08/99
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		6,324,703	12/04/01	Chen	2	458	12/03/97
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		6,409,883	06/25/02	Makolin et al.	162	52	04/12/00
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		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
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		EP0184248						
		EP0217137						
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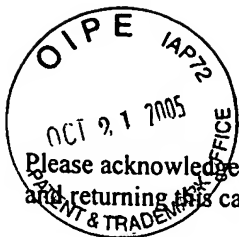
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		Brewer et al. "The Reduction of the Standing-Wave Effect in Positive Photoresists", pgs 184-186
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Information Disclosure Statement and Change of Address
Title: Interlayer Adhesion Promoter for Low K Materials
Inventor: Lu et al.
Filing Date: December 9, 2004
Serial Number: 10/517575
Matter Type: Patent - US
Date of Deposit: October 18, 2005
Matter #: H9931-7305
Enclosures: (1) IDS Transmittal (1 page); (2) Information Disclosure Statement (2 pages); (3) Form 1449 w/copies of References Cited; (4) Change of Address (1 page); and (5) postcard.

DATE MAILED: 10/18/05 SBU: 4780
PATENT APPLICATION FOR: Interlayer Adhesion Promoter for
low k materials.
INVENTOR(S): W et al.
SERIAL NO.: 10/517575

THE FOLLOWING HAS BEEN RECEIVED IN THE U.S. PATENT AND TRADEMARK OFFICE ON THE DATE STAMPED HEREON:

- ☐ Missing Parts of Application Transmittal \$ _____
☐ Combined Declaration/Power of Attorney \$ _____
☐ Power of Attorney
☐ Assignment and Cover Sheet: \$ _____
☒ Information Disclosure Statement ☐ ISR ☒ From PTO 1449 with 580 References \$ _____
☐ Request for Corrected Filing Receipt
☐ Amendment/Response (_____ page(s)) \$ _____
☐ Petition for Extension of Time (_____ months) \$ _____
☐ Amendment After Final Rejection (_____ page(s)) \$ _____
☐ Notice of Appeal
☐ Appeal Brief (_____ page(s)) \$ _____
☐ Issue Fee Transmittal \$ _____
☐ Formal Drawing(s); No. of Sheets _____
☐ Total fees charged to Deposit Account No. 01-1125: \$ _____

OTHER

Attorney Docket No.: H0004019 US \$ _____
Attorney: S. Jacobson
Outside Counsel: Buchalter